

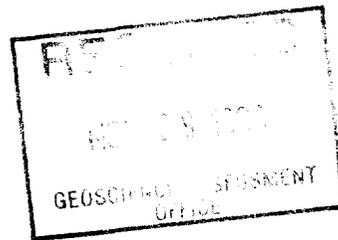


42A15SW2004 2.18967 MANN

010



GEOPHYSICAL REPORT
on a
MAGNETOMETER AND HLEM SURVEY
on the
SCHUMACHER OPTION
MANN TOWNSHIP, PORCUPINE MINING DIVISION
for
FALCONBRIDGE LIMITED



Submitted by: Steve Anderson
VISION EXPLORATION
October 27, 1998



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FIGURES

Location Map.....	Figure #1
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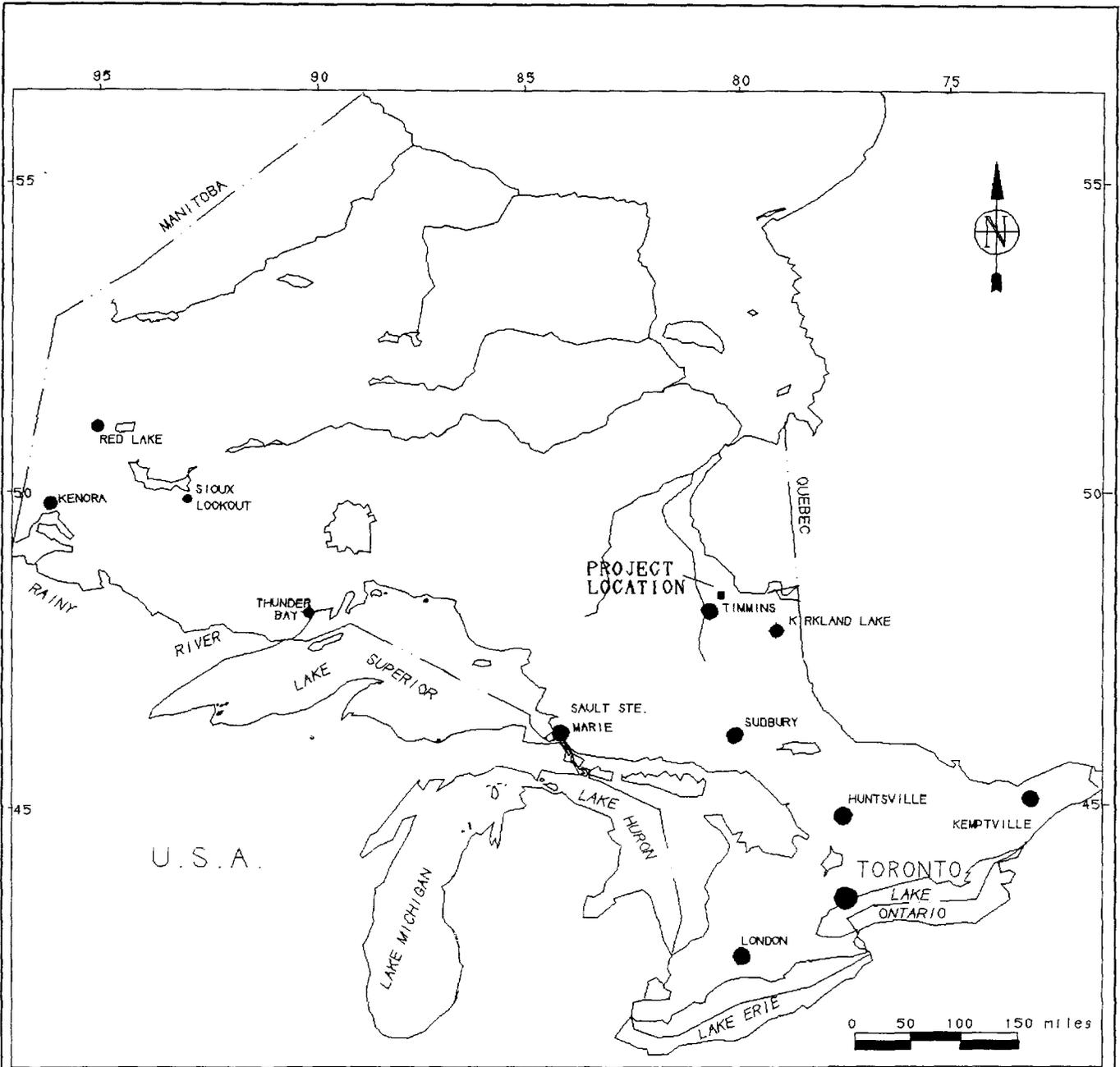
MAPS

Magnetometer Map.....	Map #1
HLEM Map - 222 Hz.....	Map #2
HLEM Map - 444 Hz.....	Map #3
HLEM Map - 1777 Hz.....	Map #4

INTRODUCTION

The following report will deal with the results of magnetometer and HLEM surveys carried out on the Schumacher Option. The property is made up of two patented block (8 units) and four single unit, leased mining claims, located in Mann Township, Porcupine Mining Division, District of Cochrane, Ontario. This work was carried out on a contract basis by Vision Exploration and took the form of magnetometer and HLEM (Max-Min) surveys. A total of 25.4 km. of grid lines were established and surveyed during the month of July 1998.

The purpose of this program was to provide ground geophysical data that would aid in the geological interpretation of the area. This included locating a number of AEM conductors shown to occur within the claim group.



PROVINCE OF ONTARIO

FIG 3

Client: FALCONBRIDGE LIMITED	
Property: SCHUMACHER OPTION	
Title: LOCATION MAP	
Processed: SDA	Checked: SDA
Date: OCT/97	Township: MANN
Province: ONT	N.T.S.:
Scale: 1 in = 1/2 mi	Drawing: V33



LOCATION AND ACCESS

The Schumacher Option Property is located in the south central portion of Mann Township, Porcupine Mining Division, District of Cochrane, Ontario. The property is situated approximately 45-km. northeast from the city of Timmins or 25-km. west-southwest from the town of Iroquois, Ontario. The claim block is east of the Fredrickhouse River and just north of Flint Creek. A legal description of the Lots and Concessions covered by the claims can be found under the "Claims" portion of this report.

Access to the work area was gained by taking Hwy 11 North from the village of Nellie Lake for approximately 13 km to a road which heads east from the Hwy 11 into a Trans-Canada Pipeline compressor station. From here a network of old logging roads provide access by truck to within 2 km. of the property. The last two kilometres can be travelled by ATV and provide access to the eastern portion of the property.

PERSONELL

The people directly involved with the geophysical program were all employed by Vision Exploration and are as follows:

Steve Anderson.....	Timmins, Ontario
Ray Meikle	Timmins, Ontario
Dave Clement.....	Timmins, Ontario
Donny McKinnon.....	Timmins, Ontario

Steve Anderson and Donny McKinnon supervised all work.

PREVIOUS WORK

A search of the assessment filed did not show any previous work filed for the current work area. This is because the subject claims are patented or leased claims and it is not required that a work report be filed to hold the ground.

The ground was covered by the 1988 OGS, Geotem survey that outlined a number of untested bedrock conductors.

GENERAL GEOLOGY

The property is shown on the Timmins-Kirkland Lake Map No. 2205, to be situated within the Abitibi Greenstone Belt which covers much of north-eastern Ontario and North-western Quebec.

Generally this belt is underlain by a variety of mafic to felsic volcanics and related sediments as well as felsic to ultramafic intrusive.

Map 2205, Timmins-Kirkland Lake, Geological Compilation Series shows the southern portion of the claim block to be underlain by felsic metavolcanics with ultramafic rocks to the north.

CLAIMS

The Schumacher Option consists of 6 patented and leased claims (12 units) located in Mann Township, Porcupine Mining Division, Districts of Cochrane, Ontario (Figure #3). The following is a list the claims covered or partially covered by this work program, as well as a legal description of the Lots and Concessions covered by each

Patented Claim

- # 543 NEC
- 4 units
- S ½ Lot 7, Con II

Patented Claim

- # 485 NEC
- 4 units
- S ½ Lot 6, Con II

Leased Claim

- # 61334
- 1 unit
- SW ¼ N ½ Lot 6, Con II

Leased Claim

- # 61335
- 1 unit
- SE ¼ N ½ Lot 6, Con II

Leased Claim

- # 61336
- 1 unit
- NE ¼ N ½ Lot 6, Con II

Leased Claim

- # 61337
- 1 unit
- NW1/4 N1/2 Lot 6, Con II

WORK PROGRAM

The work program carried out on the Schumacher Option took the form of Magnetometer and HLEM surveys. Falconbridge Limited set up the grid parameters with the base line and tie lines running at West, 20 degrees North and perpendicular cross lines. The line interval was set at 100 meters, with a 25 meters station interval. A total of 25.4 km. of chainsaw cut grid lines were established.

This previously established grid was surveyed with Magnetometer and HLEM, using a 12.5-meter reading interval for the magnetometer and 25 meter for the HLEM. This resulted in 25.4 km. of magnetometer and HLEM coverage.

The following is a brief description of the geophysical methods and parameters used.

MAGNETOMETER SURVEY

A GEM GSMT-19 Proton Precession magnetometer was used to carry out the magnetometer survey. The instrument is synchronised with a GEM GSMT-19 recording base station to help eliminate magnetic diurnal variation. This should ensure an accuracy of less than 1.0 Nt.

The Proton Precession method involves energising a wire coil immersed in a hydrocarbon fluid. This causes the protons in the proton rich fluid to spin or precess simulating spinning magnetic dipoles. When the current is removed the protons precess about the direction of the earth's magnetic field, generating a signal in the same coil which is proportional to the total magnetic field intensity. In this way, the horizontal gradient of the earth's magnetic field can be measured and plotted in plan form with values of equal intensity joined to form a contour map.

This presentation is useful in correlating with other data sets to aid in structural interpretation. Individual magnetic responses can be interpreted for dip, depth and width estimates after profiling the data.

The following parameters were employed for the survey:

Instrument – GEM, GSMT-19 Proton Precession Magnetometer

Station Interval - 12.5m

Line Interval - 100m

Diurnal Correction Method – GEM GSMT-19 Recording Base Station

Data Presentation – Data posted and contoured plan map

- 1:5000 scale

- Contour interval: 50 nano-teslas

HORIZONTAL LOOP SURVEY

The Horizontal Loop EM survey was carried out with an Apex Max-Min II instrument. These surveys are commonly called "Max-Min" surveys in recent times.

The Max-Min II instrument can operate at five frequencies (3555HZ, 1777HZ, 888HZ, 444HZ, 222HZ). and is capable of coil separations from 25 meters to 200 meters. Although it can be used in the vertical loop mode as well as minimum coupled, it is most often used in the Maximum Coupled, Co-Planer mode which is in effect a Horizontal Loop Electromagnetic Survey.

The instrument records the "In-Phase" and "Out-of-Phase" components of the anomalous resultant field from a conductor as a percentage of the primary field strength. Both components are used in the interpretation of the results. Generally, the larger the ratio of peak negative responses between In-Phase and Out-of-Phase, the higher the conductivity of the anomaly. A ratio of 1:1 is considered a medium conductor.

The purpose of reading more than one frequency is to obtain more information about the conductor itself as well as the conductivity of the overburden etc. The higher frequencies will respond to weaker conductive features such as faults, conductive overburden etc. As a result the signal from these frequencies can attenuate very quickly, possibly not penetrating to the bedrock at all. The lower frequencies having a longer wavelength tend to penetrate deeper and generally only respond to anomalies with a higher order of conductance, Thus as with most geophysical techniques it is a trade off as to depth of penetration vs. conductance threshold detectable. The use of multi frequency surveys helps to alleviate this problem at a minimal extra cost.

The HLEM survey was carried out using the following parameters.

INSTRUMENT: Apex Parametrics, Max-Min II
 MODE: Co-planar
 PARAMETERS MEASURED: In-phase and quadrature
 COIL SPACING: 150 meters
 FREQUENCIES: 222Hz, 444Hz and 1777Hz.
 LINE INTERVAL: 100 meters
 STATION INTERVAL: 25 meters
 DATA PRESENTATION: Profiled plan maps, 1:5000
 PROFILE SCALE: 1cm = 20%

SURVEY RESULTS

The geophysical program conducted on the Schumacher Option was successful in outlining a number of HLEM conductors and related magnetic features. The conductor axes have been marked and labelled A through E. These can be found on the three HLEM profile plan maps located in the back pocket of this report.

The magnetics within southern portion of the survey area show little change. In contrast to this, the magnetics covering the northern portion of the grid consist of strong erratic highs. As shown by Map 2205, these highs are likely marking an ultramafic unit shown to occur in this area with the background magnetics marking the felsic metavolcanics within the southern half of the block.

Conductor A is located on L98E at 10325N and remains open in both directions. Interpretation of the 444 Hz. profile shows it to have a conductivity of 8 mhos with a depth to source of 27 meters.

Zone B runs from L94E/10000N to L99E/9925N and Zone C from L92E/9850N to L99E/9850N. These two features appear to merge in the area of L99E, suggesting that this may be one zone, which has been tightly folded. Both zones occur within the erratic magnetic highs that area assumed to be marking an ultramafic unit. This makes it difficult to establish a direct magnetic correlation. An interpretation of the 444Hz profile for zone C on L96E shows it to have a conductivity of 15 mhos and a depth to source of 12 meters.

Zone D extends from L99E/9625N to L101E/9750N and remains open to the east. This feature occurs along contact between the magnetic highs to the north and background to the south, which may also represent the felsic ultramafic contact.

The last conductor outlined strikes from L92E/9575N to 101E/9400N and remains open in both directions. The western portion of this feature occurs along a magnetic contact, similar to zone D. An interpretation of the 444Hz profile on L98E shows this zone to have a conductivity of 50 mhos and a depth to source of 65 meters.

RECOMMENDATIONS AND CONCLUSIONS

As discussed under results, the geophysical program carried out on the Schumacher Option was successful in outlining a number of conductors, all of which are worthy of some type of follow-up work.

During the survey period the property was being covered by geological mapping. This, as well as any other available data should be compiled with the current data set. This may help resolve some of the zones in question.

If additional information is required, a large loop, multi-component EM survey may be useful.

The subject property appears to be situated within a favourable base metal environment and any of the unresolved zones, if worthy should be tested with diamond drilling.

CERTIFICATION

I, Steve Anderson of Timmins, Ontario hereby certify that:

1. I hold a three-year Technologist Diploma from Sir Sandford College, Lindsay, Ontario, obtained in May 1981.
2. I have been practising my profession since 1979 in Ontario, Quebec, Nova Scotia, New Brunswick, Newfoundland, NWT, Manitoba Saskatchewan and Greenland.
3. I have been employed directly with Asamera Oil Inc., Urangellschaft Canada Ltd., Nanisivik Mines Ltd., R.S. Middleton Exploration Services Ltd., Rayan Exploration Ltd and am currently an owner of Vision Exploration.
4. I have based conclusions and recommendations contained in this report on knowledge of the area, my previous experience and on the results of the fieldwork conducted on the property during 1998.

Dated this 27th day of October 1998
at Timmins, Ontario.



APPENDIX A
GEM GSM-19 MAGNETOMETER

INSTRUMENT SPECIFICATIONS

MAGNETOMETER / GRADIOMETER

Resolution:	0.01 nT (γ), magnetic field and gradient.
Accuracy:	0.2 nT over operating range.
Range:	20,000 to 120,000 nT.
Gradient Tolerance:	Over 10,000 nT/m
Operating interval:	3 seconds minimum, faster optional. Readings initiated from keyboard, external trigger, or carriage return via RS-232-C.
Input/Output:	6 pin weatherproof connector, RS-232C, and (optional) analog output.
Power Requirements:	12 V, 200 mA peak (during polarization), 30 mA standby. 300mA peak in gradiometer mode.
Power Source:	Internal 12 V, 2.6 Ah sealed lead-acid battery standard, others optional. An External 12V power source can also be used.
Battery Charger:	Input: 110 VAC, 60 Hz. Optional 110/220 VAC, 50/60 Hz. Output: dual level charging.
Operating Ranges:	Temperature: -40 °C to +60 °C. Battery Voltage: 10.0 V minimum to 15V maximum. Humidity: up to 90% relative, non condensing.
Storage Temperature:	-50°C to +65°C
Display:	LCD: 240 x 64 pixels, or 8 x 30 characters. Built in heater for operation below -20°C
Dimensions:	Console: 223 x 69 x 240mm. Sensor staff: 4 x 450mm sections. Sensor: 170 x 71mm dia. Weight: Console 2.1kg, Staff 0.9kg, Sensors 1.1 kg each.

VLF

Frequency Range:	15 - 30.0 kHz.
Parameters Measured:	Vertical In-phase and Out-of-phase components as percentage of total field. 2 components of horizontal field. Absolute amplitude of total field.
Resolution:	0.1%.
Number of Stations:	Up to 3 at a time.
Storage:	Automatic with: time, coordinates, magnetic field/gradient, slope, EM field, frequency, in- and out-of-phase vertical, and both horizontal components for each selected station.
Terrain Slope Range:	0° - 90° (entered manually).
Sensor Dimensions:	14 x 15 x 9 cm. (5.5 x 6 x 3 inches).
Sensor Weight:	1.0 kg (2.2 lb).

APPENDIX B
APEX MAX MIN II

1
2

Five frequencies: 222, 444, 888, 1777 and 3555 Hz.

Maximum coupled (horizontal-loop) operation with reference cable.

Minimum coupled operation with reference cable.

Vertical-loop operation without reference cable.

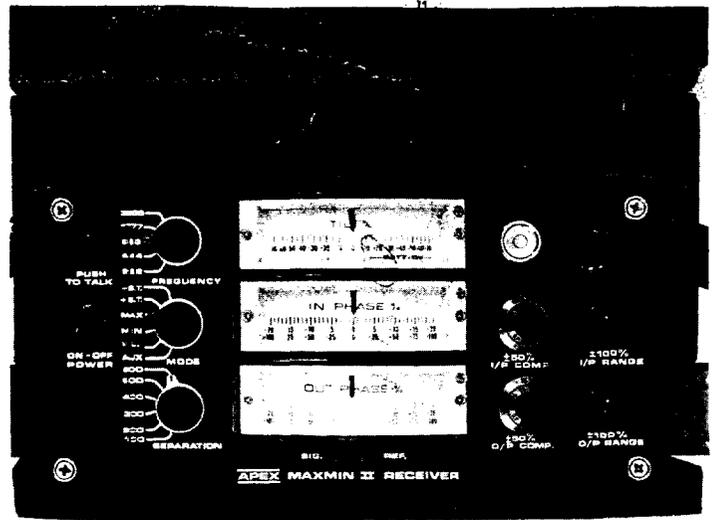
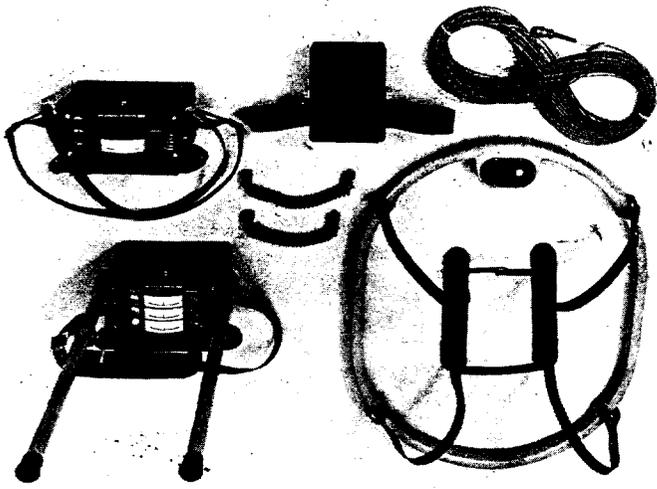
Coil separations: 25, 50, 100, 150, 200 and 250 m
(with cable) or 100, 200, 300, 400, 600 and 800 ft.

Reliable data from depths of up to 180 m (600 ft).

Built-in voice communication circuitry with cable.

Tilt meters to control coil orientation.





SPECIFICATIONS

Operating Frequencies	222, 444, 888, 1777 and 3555 Hz.	Frequency Accuracy	± 0.5% to ± 1% normally, depending on conditions, frequencies and coil separation used.
Operating Modes	MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode). Used with reference cable. MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable. V.L.: Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.	Transmitter Output	- 222 Hz : 175 Atm ² - 444 Hz : 160 Atm ² - 888 Hz : 100 Atm ² - 1777 Hz : 60 Atm ² - 3555 Hz : 30 Atm ²
Distances	25, 50, 100, 150, 200 & 250 m (MMI) or 100, 200, 300, 400, 600 and 800 ft. (MMIF). Coil separations in V.L. mode not restricted to fixed values.	Receiver Batteries	9V trans radio type batteries (4). Life: approx. 35 hrs. continuous duty (alkaline, U.S. Ah), less in cold weather.
Measurement Modes	- In-Phase and Quadrature components of the secondary field in MAX and MIN modes. - Tilt-angle of the total field in V.L. mode.	Transmitter Battery	12V 7.5Ah Gel-Cell rechargeable batteries (2 x 6V in series).
Readouts	- Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary. - Tilt angle and null in 90mm edgewise meters in V.L. mode.	Reference Cable	Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.
Operating Range	In-Phase: ±20%, ±100% by push-button switch. Quadrature: ±20%, ±100% by push-button switch. Tilt: ±75% slope. Null (V.L.): Sensitivity adjustable by separation switch.	Voice Unit	Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.
Accuracy	In-Phase and Quadrature: 0.5%. Tilt: 1%.	Indicator Lights	Built-in signal and reference warning lights to indicate erroneous readings.
		Temperature Range	-40°C to +60°C (-40°F to +140°F).
		Receiver Weight	6kg (13 lbs.)
		Transmitter Weight	13kg (29 lbs.)
		Shipping Weight	Typically 60kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

Specifications subject to change without notification.

APEX PARAMETRICS LIMITED
200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

Phone: (416) 495-1612

Cables: APEXPARA TORONTO

Telex: 06-966773 NORDVIK TOR



Declaration of Assessment Work Performed on Mining Land

FINANCIAL REVIEW

Transaction Number (office use)
119860.00841
 Assessment Files Research Imaging



42A15SW2004 2.18967 MANN

900

65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, all work and correspond with the mining land holder. Questions about development and Mines, 3rd Floor, 833 Ramsey Lake Road, Sudbury,

TO: SIM McALEY
FROM: ROB FOY
1-877-670-1555

Instructions: - For work performed on Crown land, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name	FALCONBRIDGE LIMITED	Client Number	130679
Address	Suite 1200 - 95 Wellington Street West	Telephone Number	(416) 956-5700
	Toronto, Ontario, M5H 2V4	Fax Number	(416) 956-5757
Name		Client Number	
Address		Telephone Number	
		Fax Number	

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling stripping, trenching and associated assays Rehabilitation

Work Type	Horizontal Loop EM Survey; Line Cutting; 25.4km	Office Use
		Commodity
		Total \$ Value of Work Claimed
Dates Work Performed	From 10 06 1998 To 25 06 1998	NTS Reference
Global Positioning System Data (if available)	Township/Area <u>Mann Twp.</u>	Mining Division
	M or G-Plan Number <u>G - 3537</u>	Resident Geologist District

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

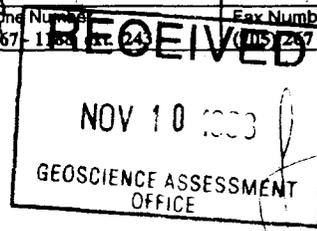
Name	Robert Foy	Telephone Number	(705) 267 - 1188 ext. 243
Address	PO Box 1140, Timmins, Ontario, P4N 7H9	Fax Number	(705) 267 - 6080
Name		Telephone Number	
Address		Fax Number	
Name		Telephone Number	
Address		Fax Number	

4. Certification by Recorded Holder or Agent

I, Robert Foy (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	<u>R. Foy</u>	Date	November 6, 1998
Agent's Address	PO Box 1140, Timmins, Ontario, P4N 7H9	Telephone Number	(705) 267 - 1188 ext. 243
		Fax Number	(705) 267 - 6080

0241 (03/97)



5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

4,986.00

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank Value of work to be distributed at a future date	
1	543 NEC	64 ha	\$5934		\$5934	
2	485 NEC	64 ha	\$5934		\$5934	
3	61334	16 ha	\$1483		\$1483	
4	61335	16 ha	\$1484		\$1484	
5	P 1200938	8		\$1440		
6	P 1200919	4		\$1600		
7	P 1200920	16		\$6400		
8	P 1201945	2		\$800		
9	P 1201944	4		\$1600		
10	P 1190189	16		\$2995		
11						
12						
13						
14						
15						
16						
17						
18						
Column Totals		50	\$14835	\$14835	\$14835	\$0

I, Robert Foy, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: November 6, 1998

6. Instruction for cutting back credits that are not approved.

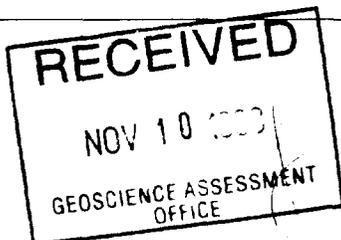
Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp



Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines


Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

January 4, 1999

FALCONBRIDGE LIMITED
SUITE 1200, 95 WELLINGTON STREET WEST
TORONTO, ONTARIO
M5J-2V4

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.18967

Status

Subject: Transaction Number(s): W9860.00841 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.18967

Date Correspondence Sent: January 04, 1999

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00841	6000276	MANN	Deemed Approval	December 30, 1998

Section:
14 Geophysical EM

Correspondence to:
Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Robert Foy
TIMMINS, ONTARIO, CANADA

FALCONBRIDGE LIMITED
TORONTO, ONTARIO

C-3537

AREAS WITH RIGHTS FROM DISPOSITION:

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.S. - MINING AND SURFACE RIGHTS

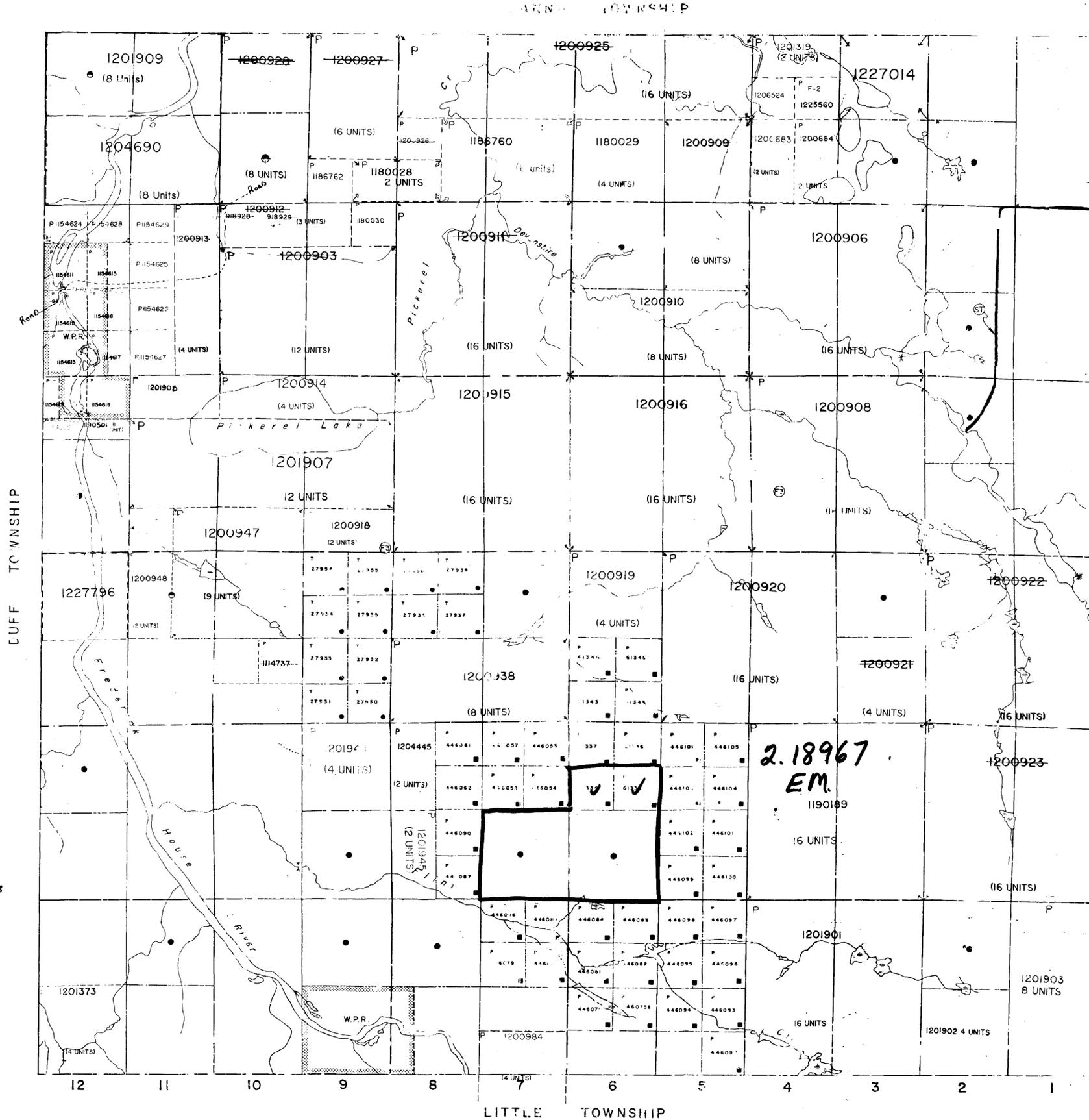
Order No. Date Disposition File

Water Power Reserve

NO. 87 / 87

SURFACE AND MINING RIGHTS RE-OPENED TO PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 36 OF THE MINES ACT (R.S.O. 1990) EFFECTIVE 30-SEP-05 AT 7AM E.S.T. ORDER NO. O-P 4/90 NR DATED 30-SEP-92.

NOTE: P1125637 PLOTTED IN ERROR. S/B P1114737.



2.18967 EM. 1190189 16 UNITS

MANN

200



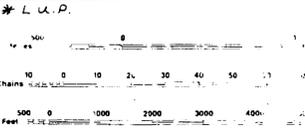
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

- HIGHWAY / TRAIL
- PROV. ENCL. LINES
- TOPOG. 1:25,000
- RAILWAY
- NON-PERMANENT
- FLOODING
- SUBDIVISION
- RESERVATION
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- REVERSE MONUMENT

DISPOSITION OF CROWN LAND

- PATENT, SURFACE & MINING RIGHTS
- SURFACE RIGHTS ONLY
- MINING RIGHTS ONLY
- LEASE, SURFACE & MINING RIGHTS
- SURFACE RIGHTS ONLY
- MINING RIGHTS ONLY
- LICENCE OF OCCUPATION
- ORDER IN COUNCIL
- RESERVATION
- CANCELLED
- SALT & GRAVEL
- LAND USE PERMIT



SCALE 1:20,000

SNOWMOBILE TRAIL (LAND USE PERMIT) NOTICE RECEIVED 92-DEC-09

DATE OF ISSUE

JAN 12 1999
PROVINCIAL RECORDING OFFICE - SUDBURY

Received Sept 22/86

TOWNSHIP
MANN
M.N.R. ADMINISTRATIVE DISTRICT
COCHRANE
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Natural Resources Ontario
Ministry of Northern Development and Mines

SEPTEMBER 1986
G-3537

MANN

C-3537



TOPO LEGEND

- SHORE LINE
- ROAD
- HYDRO LINE
- CLAIM POST ASSUMED
- CLAIM POST LOCATED
- CLAIM LINE
- LOT AND CONCESSION LINE
- RAIL LINE

LEGEND

INSTRUMENT: GEM GSM-19 PROTON PRECESSION MAGNETOMETER
 PARAMETERS MEASURED: EARTH'S TOTAL MAGNETIC FIELD (NANO-TESLA)
 READING INTERVAL: 12.5 M
 CONTOUR INTERVAL: 50 AT
 CORRECTION METHOD: REDUCING GEM GSM-19 BALE STATION
 DATUM SUBTRACTED FROM ALL PLOTTED READINGS: 57000m

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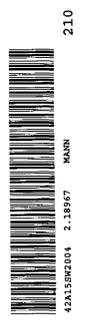
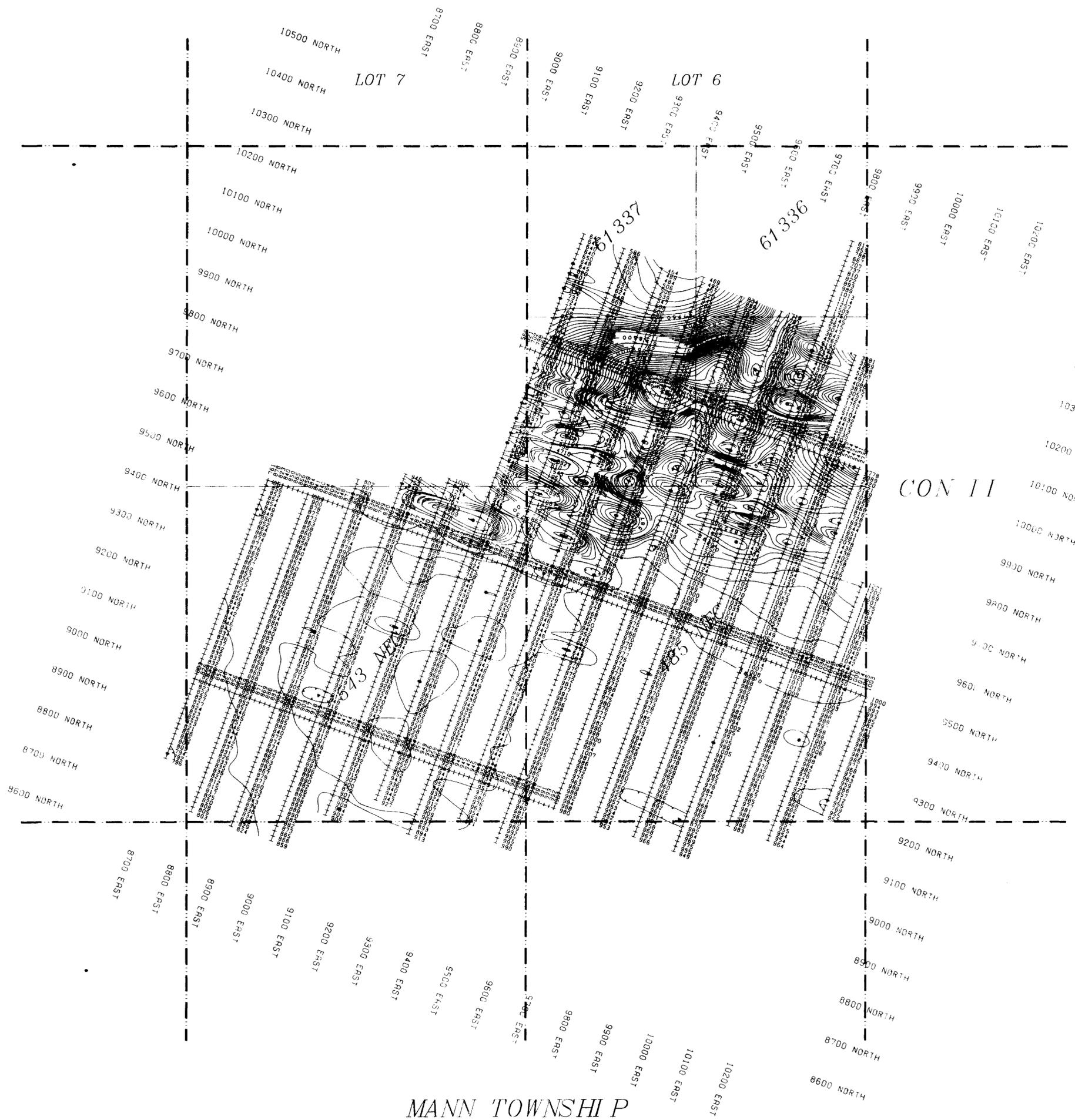


Client: FALCONBRIDGE LIMITED	
Property: SCHUMACHER OPTION PN#8290	
Title: POSTED AND CONTOURED TOTAL FIELD MAGNETOMETER SURVEY	
Processed: SDA	Checked: SUA
Date: JUNE 98	Township: MANN
Province: ONT	N.T.S. 42A/NW
Scale: 1:5000	Drawing: V33-MAG

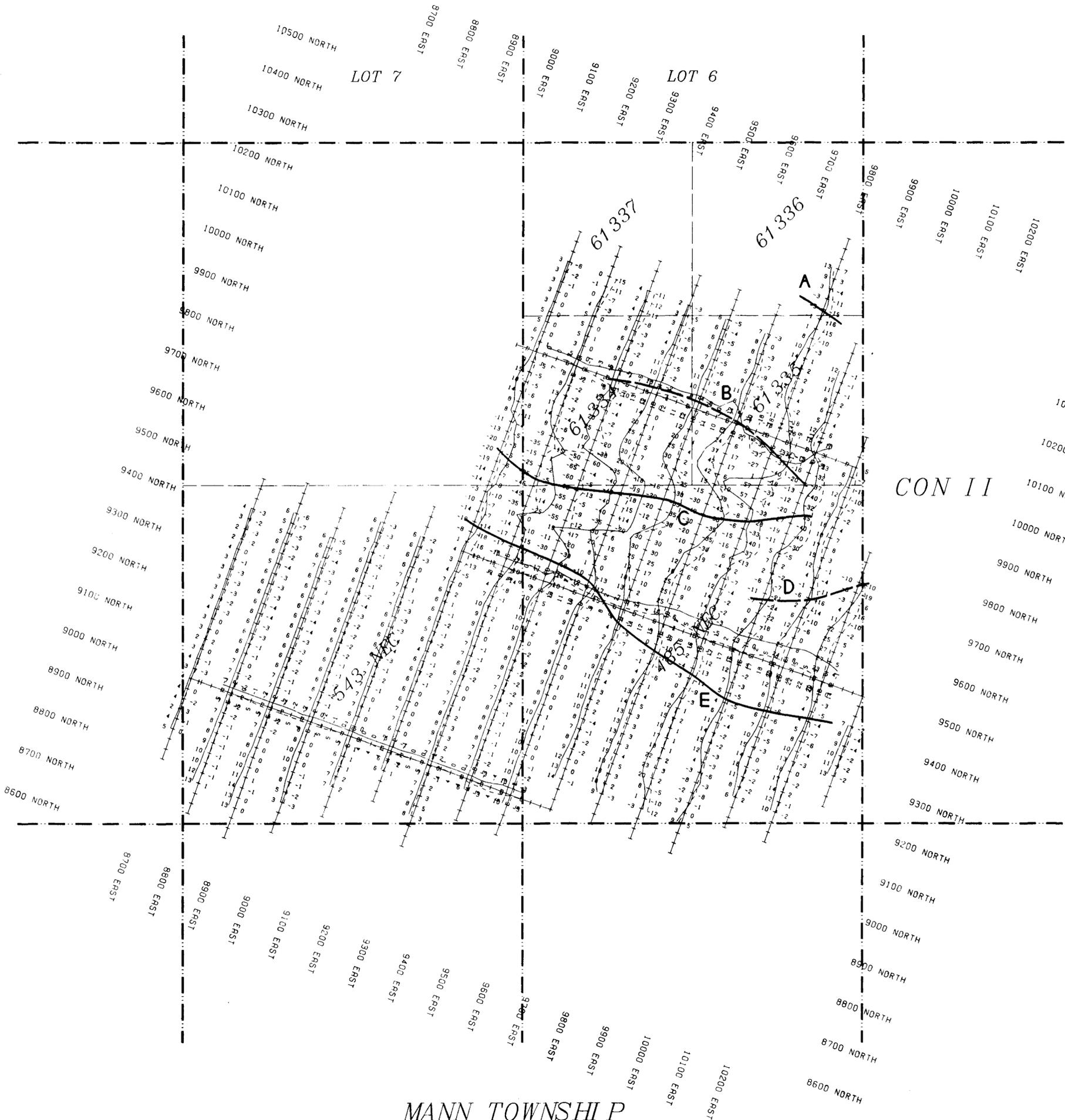


MANN TOWNSHIP

CON 11



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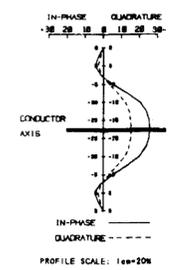
TOPO LEGEND

- SHORE LINE
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- CLAIM LINE
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- RAIL LINE

LEGEND

METHOD: Horizontal Loop
 MODE: Maximum Coupled
 INSTRUMENT: Apex Max-Min I
 SERIAL No. 1040
 COIL SEPARATION: 150 Metres
 READING INTERVAL: 25 Metres
 FREQUENCY: 222 Hz.
 CONDUCTOR AXIS

STRONG
 MODERATE



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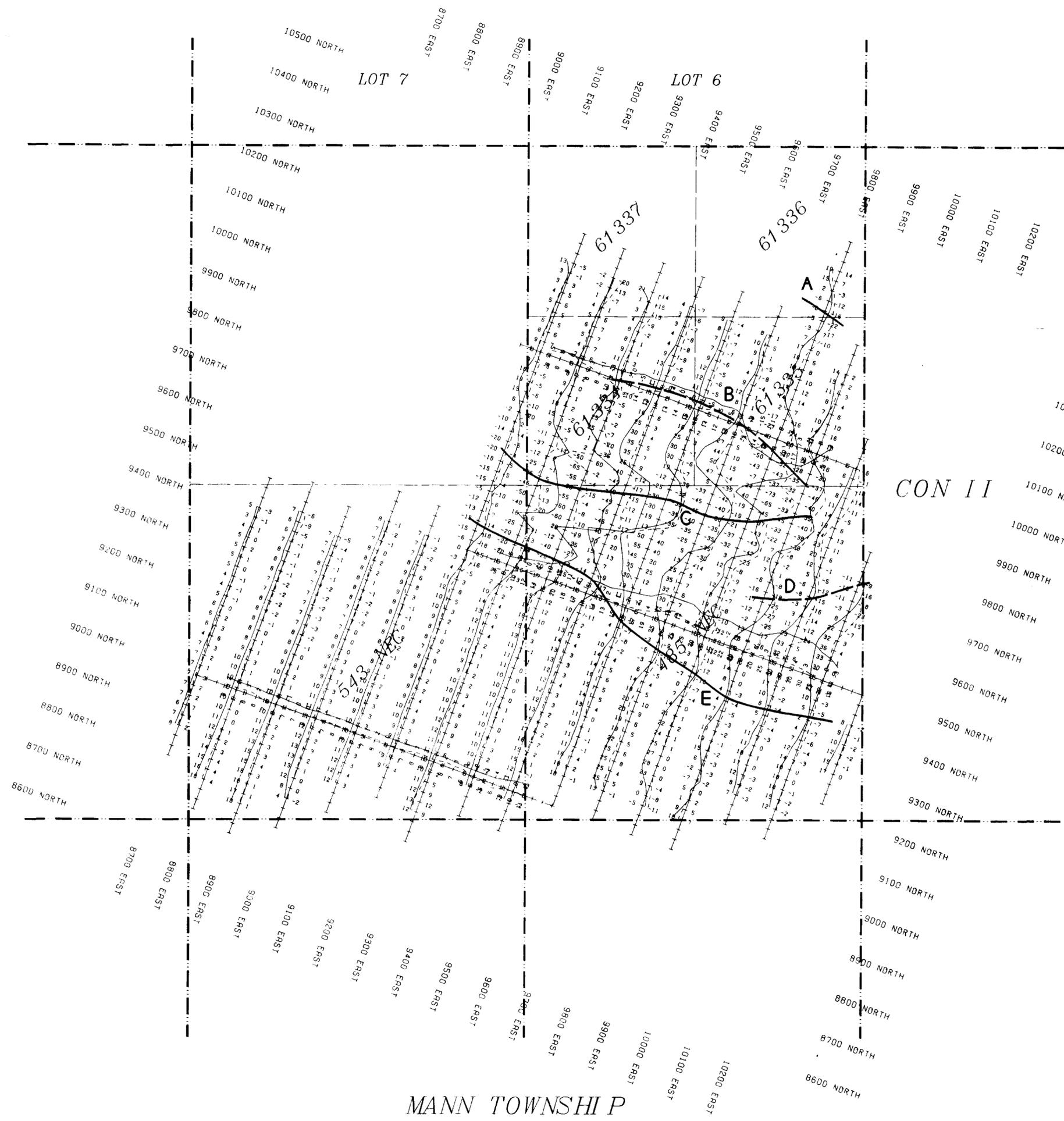


Client: FALCONBRIDGE LIMITED	
Property: SCHUMACHER OPTION PN#8290	
Title: POSTED AND PROFILED HLEM SURVEY 222 Hz.	
Processed: SDA	Checked: SDA
Date: JUNE/98	Township: MANN
Province: ONT	N.T.S.: 42A/W
Scale: 1:5000	Drawing: V33-222



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TOPO LEGEND

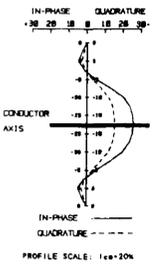
- SHORE LINE
- ROAD
- HYDRO LINE
- CLAIM POST ASSUMED
- CLAIM POST LOCATED
- CLAIM LINE
- LOT AND CONCESSION LINE
- RAIL LINE

LEGEND

METHOD: Horizontal Loop
 MODE: Maximum Coupled
 INSTRUMENT: Apex Max-Min I
 SERIAL No. 1040
 COIL SEPARATION: 50 Metres
 READING INTERVAL: 25 Metres
 FREQUENCY: 444 Hz.
 CONDUCTOR AXIS

STRONG

MODERATE



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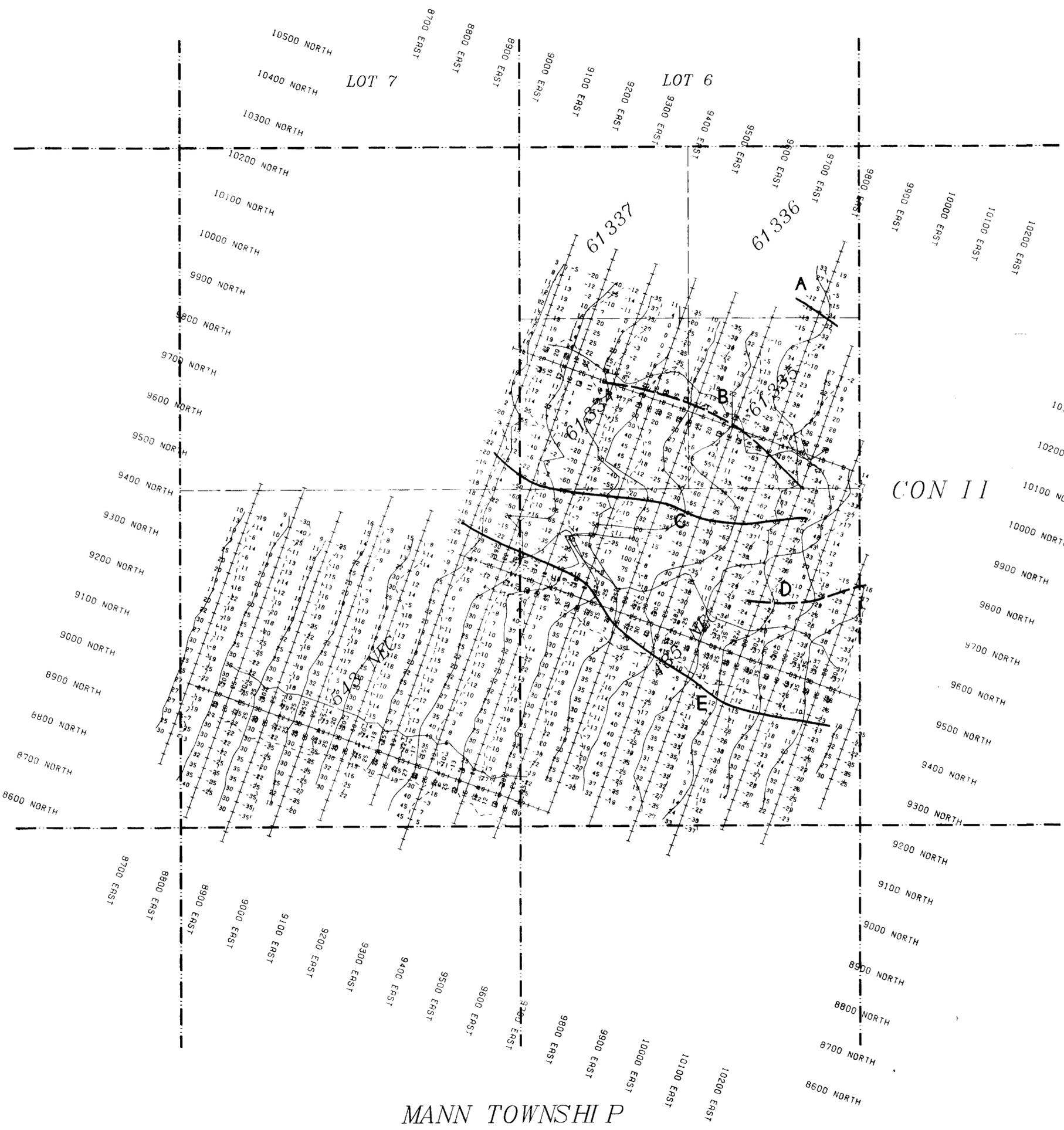


Client: FALCONBRIDGE LIMITED	
Property: SCHUMACHER OPTION PN#8290	
Title: POSTED AND PROFILED HLEM SURVEY 444 Hz.	
Processed: SDA	Checked: SDA
Date: JUNE/98	Township: MANN
Province: ONT	N.T.S.: 42A/MW
Scale: 1:5000	Drawing: V33-444



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TOPO LEGEND

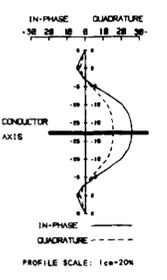
- SHORE LINE
- ROAD
- HYDRO LINE
- CLAIM POST ASSUMED
- CLAIM POST LOCATED
- CLAIM LINE
- LOT AND CONCESSION LINE
- RAIL LINE

LEGEND

METHOD: Horizontal Loop
 MODE: Maximum Coupled
 INSTRUMENT: Apex Max-Min II
 SERIAL No: 1040
 COL SEPARATION: 50 Metres
 READING INTERVAL: 25 Metres
 FREQUENCY: 1777 Hz
 CONDUCTOR AXIS

STRONG

Moderate



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Client: FALCONBRIDGE LIMITED	
Property: SCHUMACHER OPTION PN#8290	
Title: POSTED AND PROFILED HLEM SURVEY 1777 Hz.	
Processed: SDA	Checked: SDA
Date: JUNE/98	Township: MANN
Province: ONT	N.T.S: 42A/100
Scale: 1:5000	Drawing: V33-1777



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